UNITED STATES BAR V RANCH NE QUADRANGLE MONTANA-BIG HORN CO. DEPARTMENT OF THE INTERIOR 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY 4574 I SE (SPRING CREEK RANCH) R. 39 E. R. 37 E. 11 10 12 12 18 14 13 • 17 15 Isopach interval 1 foot. 13 23 22 24 20 21 19 24 2'30" 25 27 26 28 29 25 33 34 32 35 T. 7 S. T. 8 S. 10 12 15 18 17 16 13 20 19 21 22 23 (BAR V RANCH) 4574 || SE SCALE 1:24000 107°00′ Compiled in 1977 R. 37 E. R. 38 E. 107°07′30″ R. 37 E. R. 38 E.

Base map from U.S. Geological Survey, 1967

> COAL RESOURCE OCCURRENCE MAP OF THE BAR V RANCH NE UTM GRID AND 1 GO LENT A PER PRANGLE, BIG HORN COUNTY, MONTA LE LOCATION DECLINATION A COUNTY A MONTA LE LOCATION

> > BY COLORADO SCHOOL OF MINES RESEARCH INSTITUTE 1979

OPEN FILE REPORT 79-644 PLATE 4 OF 26

OPEN-FILE REPORT This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

EXPLANATION

ISOPACHS OF THE COAL BED-Showing thickness, in feet. Dashed where projected beyond boundary of coal.

4380

STRUCTURE CONTOURS—Drawn on the top of the coal bed. Dashed where projected beyond boundary of coal. Hachures indicate a closed depression. Contour interval 40 feet (12.2m). Datum is mean sea level.

BOUNDARY OF COAL DEPOSIT-Drawn along the outcrop of coal bed and/or the contact between burned and unburned coal (dashed where inferred by present author beyond the limits of original data). Arrows point toward coal-bearing area. Numbers at triangle are coal bed thickness and altitude at the top of the coal bed, measured in feet. Plus (+) sign after number indicates incomplete measurement.

FAULT-Dashed where approximately located. U. upthrown side; D, downthrown side.

To convert feet to meters, multiply feet by 0.3048.